UTAH

Science and Engineering Profile

	UT	U.S.	Rank		UT	U.S.	Rank
Doctoral scientists, 1995	3,994	453,928	31	Total R&D performance, 1995 (millions)	$1,144	$177,210	29
Doctoral engineers, 1995	929	86,738	27	Industry R&D, 1995 (millions)	$803	$130,332	28
S&E doctorates awarded, 1996	300	27,230	27	Academic R&D, 1995 (millions)	$202	$21,606	30
of which, in engineering	25%	23%		of which, in life sciences	47%	55%	
in life sciences	21%	25%		in engineering	25%	16%	
in physical sciences	19%	14%		in physical sciences	9%	10%	
S&E postdoctorates, 1995	269	35,379	28	Higher education current-fund expenditures, 1995 (millions)	$1,846	$182,602	31
in doctorate-granting institutions							
S&E graduate students, 1995	5,004	436,328	29	Number of SBIR awards, 1990-1996	335	26,399	21
in doctorate-granting institutions				Patents issued to state residents, 1996	540	61,099	25
Population, 1996 (000s)	2,000	269,067	35	Gross state product, 1994 (billions)	$41.7	$6,876.0	36
Civilian labor force, 1996 (000s)	998	135,528	35	of which, agriculture	1%	2%	
Personal income per capita, 1996	$19,156	$24,231	46	manufacturing, mining, construction	23%	23%	
				transportation, communication, utilities	10%	9%	
Federal spending				wholesale and retail trade	16%	16%	
Total expenditures, 1996 (millions)	$8,193	$1,368,858	38	finance, insurance, real estate	14%	19%	
R&D obligations, 1995 (millions)	$371	$67,080	29	services	20%	20%	
				government	16%	13%	

Rankings and totals are based on data for the 50 states, D.C., and Puerto Rico.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Utah by Agency and Performer: Fiscal Year 1995

[Thousands of Dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	371,208	131,138	0	98,522	128,347	7,730	5,471	29
Department of Agriculture	13,369	7,901	0	0	5,466	0	2	35
Department of Commerce	4,409	0	0	3,963	180	0	266	28
Department of Defense	226,934	117,797	0	86,625	22,512	0	0	23
Department of Energy	16,798	0	0	756	6,936	5,194	3,912	27
Dept. of Health & Human Services	72,831	0	0	4,231	65,836	2,379	385	29
Department of the Interior	5,621	5,233	0	91	297	0	0	24
Department of Transportation	1,417	0	0	34	477	0	906	41
Environmental Protection Agency	1,259	0	0	379	880	0	0	34
Nat'l Aeronautics & Space Admin.	6,762	207	0	1,943	4,455	157	0	35
National Science Foundation	21,808	0	0	500	21,308	0	0	24
State rank	29	22	na	29	28	29	9	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.